

3/1/2018

[Dart Hawkesbury] Job Sheet - Gagnon-Donovan, Michelle



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PRELIMINARY ISSUE

DAS
35
9-89

D5572-2
Job Sheet 171989

Accounting Job RD17-1046-01



Part No: D5572-2

Job Qty: 2 ea

Part Name: Base Bracket, Lower Cable Cutter, RH



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/9/18

Job Tracking No:

Due Date: 2/23/18

Created By: Michelle Gagnon-Donovan

Type: R+D

Description:

Note: TBD DWG D5572-2 REV:A IPP REV A 18.02.05 NEW ISSUE RQ VERIFIED BY DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	2 Ea		2/22/18	0.00	0.00	Start Up Machining-1		
110	CNC Vertical Machining	2 pcs		2/22/18	0.00	0.60	HAAS1-1		
120	QC	2 pcs		2/22/18	0.00	0.00	QC2 Machining-1		
130	QC	2 pcs		2/22/18	0.00	0.00	QC8 Machining-1		
135	Outsource	2 pcs		2/22/18	0.00	0.20	HandFinish1		
140	Packaging	2 pcs		2/22/18	0.00	0.00	QC7-5		
145	HandFinish	2 pcs		2/23/18	0.00	0.10	Spray Paint		
150	QC	2 pcs		2/23/18	0.00	0.00	QC14		
180	Packaging	2 pcs		2/23/18	0.00	0.00	Packaging3-1		
190	QC21-SA	2 Ea		2/23/18	0.00	0.00	QC21		

Part Op 110 - 1-Machine per folio FB767 DWG REV: FOLIO REV: 2- deburr and break all sharp edges

Descriptions: 120 - QC2- Inspect parts off machine FAI/FAIB

130 - QC8- Inspect parts - second check

135 - Issue P/O to ATG : Black Anodize & Prime as per Dwg. D5572 Certification of Conformity is required.

140 - Certification of Conformity is required.

145 - PRIME AS PER DWG AND QSI005, SEE NOTE #2. PRIME USING MIL-PRF-23377 PRIMER

BATCH:

180 - Identify as per dwg & Stock Location:

190 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M7075T6S1.750X3.000	7075-T6 Sheet 1.750" X 3.000"	1.2000 ft (.6 ea)	90-Start up Operation	5030258

5030258

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M7075T6S1.750X3.000	1	33	0

Part Specifications

Specifications could not be found.

Approved
18/03/18
DAS
35
9-89

Plex 3/1/18 4:05 PM D. Gagnon-Michelle

POSITIVE RECORD

EFFECTIVE MAR 01 2018

RELEASED

DATE

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com



DART
AEROSPACE

Container No: S053926

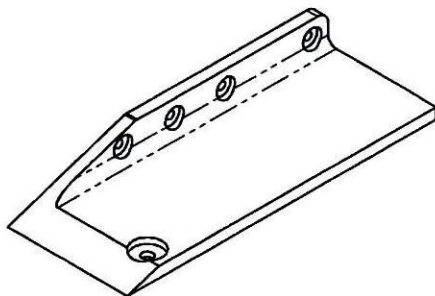


Part: D5572-2

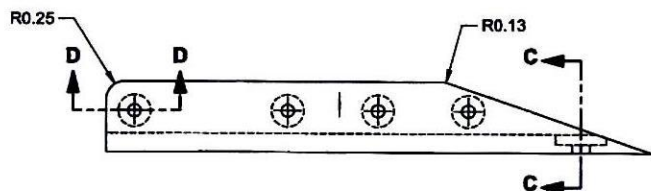
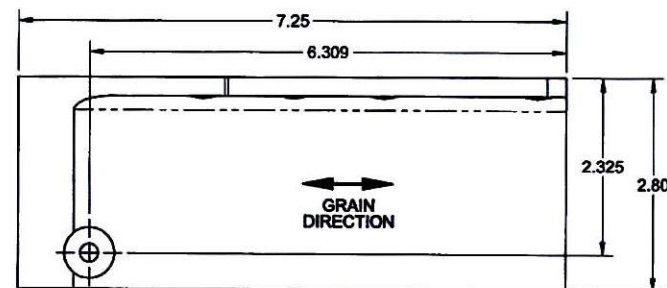
Job No: 171989

Serial No/Batch: S053926

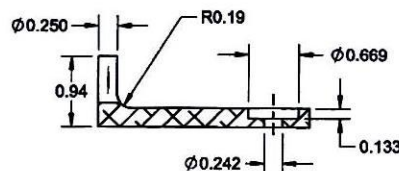
Revision: A
Inspector:



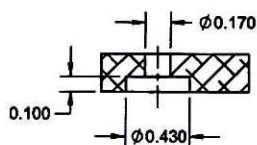
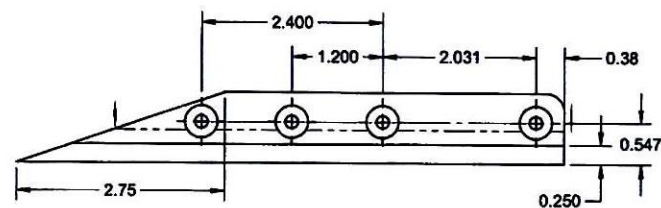
J56 # 171989



D5572-2 BASE BRACKET, LOWER, CABLE CUTTER (RH)



SECTION C-C



SECTION D-D

4 PL
SCALE 2X

NOTES:

- 1) MATERIAL: 7075-T6 (OR T651/T6510/T6511/T62) ALUMINUM BAR
PER AMS-QQ-A-225/9 (OR AMS 4122/4123/4188/4187) OR
PER AMS-QQ-A-200/11
REF DART SPEC M7075T6B
OR: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE
PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR
AMS 4045 OR ASTM B209
REF DART SPEC M7075T6S
- 2) FINISH: ANODIZE PER MIL-A-8625, TYPE II, CLASS 2, COLOR = BLACK
PRIME USING MIL-PRF-23377, 1-2 MIL MAX, PER DART QSI 005 4.2.1.3.2
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.7
- 7) WEIGHT: 0.57 lbs

RELEASED

2018 FEB 28

APPROVED

DESIGN	AJS	DART AEROSPACE USA, INC.	
DRAWN	CP	EUGENE, OR	
CHECKED	RF	DRAWING NO.	REV. A
MFG. APPR.	JFS	D5572	SHEET 2 OF 2
APPROVED	HS	TITLE	SCALE
DE APPR.	CP	BASE BRACKET, LOWER, CABLE CUTTER	NTS
DATE	17.11.15	COPYRIGHT © 2017 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS UNCLASSIFIED AND IS RELEASED FOR THE REASON THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO039408**

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO039408
PO Date: 3/23/18
Due Date: 4/20/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Via: Ground
Pynt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	174171	D5589-1	Gusset, Outboard LH Issue P/O to ATG : _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5589 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	4/19/18	2 pcs	0 pcs	2 pcs	\$12.35/pcs	\$24.70
2	174168	D5581-2	Clip, Fwd, RH Issue P/O to ATG : _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5581 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	4/19/18	2 pcs	0 pcs	2 pcs	\$11.50/pcs	\$23.00
3	173983	D5583-1	Radius Block Issue P/O to ATG : _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5583 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	4/19/18	4 pcs	0 pcs	4 pcs	\$8.85/pcs	\$35.40
4	174173	D5590-1	Gusset, Inboard LH Issue P/O to ATG : _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5590 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	4/19/18	2 pcs	0 pcs	2 pcs	\$12.35/pcs	\$24.70

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
5	174170	D5581-4	Clip, Aft, RH Issue P/O to ATG : _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5581 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	4/19/18	2 pcs	0 pcs	2 pcs	\$11.50/pcs	\$23.00
6	174167	D5581-1	Clip, Fwd, LH Issue P/O to ATG : _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5581 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	4/19/18	2 pcs	0 pcs	2 pcs	\$11.50/pcs	\$23.00
7	174169	D5581-3	Clip, Aft, LH Issue P/O to ATG : _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5581 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	4/19/18	2 pcs	0 pcs	2 pcs	\$11.50/pcs	\$23.00
8	174172	D5589-2	Gusset, Outboard RH Issue P/O to ATG : _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5589 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	4/19/18	2 pcs	0 pcs	2 pcs	\$12.35/pcs	\$24.70
9	174174	D5590-2	Gusset, Inboard RH Issue P/O to ATG : _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5590 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	4/19/18	2 pcs	0 pcs	2 pcs	\$12.35/pcs	\$24.70
10	171989	D5572-2	Base Bracket, Lower, Cable Cutter, RH Issue P/O to ATG : _____ Black Anodize & Prime as per Dwg. D5572 Certification of Conformity is required.	Firmed	4/20/18	2 pcs	0 pcs	2 pcs	\$26.90/pcs	\$53.80
11	173988	D5577-1	U-Channel, Cable Cutter Issue P/O to ATG : _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5577 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	4/19/18	2 pcs	0 pcs	2 pcs	\$16.10/pcs	\$32.20

DAS
11
9-89



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914921

Date: 12-Apr-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
2 ea	Part: D5572-2 Base Bracket, Lower Cable Cutt Hard Black Anodize per MIL-A-8625F, Type II, Class 2, . Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005 Job: 22782		Rev: A PO: PO039408 Line: 10
3 ea	Part: D5573-1 Base Bracket, Upper Cable LH Hard Black Anodize per MIL-A-8625F, Type II, Class 2, . Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005 Job: 22785		Rev: A PO: PO039408 Line: 13
2 ea	Part: D5582-1 Aft Angle Hard Black Anodize per MIL-A-8625F, Type II, Class 2, . Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005 Job: 22788		Rev: A PO: PO039408 Line: 16
2 ea	Part: D5581-2 Clip, Fwd. RH Hard Black Anodize per MIL-A-8625F, Type II, Class 2, . Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005 Job: 22774		Rev: A PO: PO039408 Line: 2
3 ea	Part: D5573-2 Base Bracket, Upper Cutter RH Hard Black Anodize per MIL-A-8625F, Type II, Class 2, . Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005 Job: 22793		Rev: A PO: PO039408 Line: 21
	CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Made in Canada.		



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914921

Date: 12-Apr-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Date: <u>12/04/2018</u>		
	Certified Signature: <u>[Signature]</u>		
	Receiver Signature: _____		
A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited.			
Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.			
Made in Canada.			



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
PO038697	DIV001-VU	1	1	Net 30	M7075T6S1.750X3.090	7075-T6 Sheet 1.750" X 3.000" : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A- 250/12 OR AMS-QQ-A- 250/12 OR AMS 4045 OR ASTM B209 receive #				96	1/8/2018	48		S030258	Stock	1/8/2018	\$ 44.83 / ft	1		\$2,151.96	Diversified Industrial Products
Total:										96		48								\$2,151.96	

Plex 1/9/2018 8:25 AM Dart Plouffe, Sonia

Status: Receiving

Part: **M7075T6S1.750X3**

Created: 1/9/18 8:24 AM DART.PLOUFFE.SON



Serial No: **S030258**



14 Connor Lane, Deer Park, NY 11729 Tel: 631.761.6200 Fax: 631.761.6201

Customer PO #	Order Date	SP
PO038697	12/20/17	AB

Sales Order Number	44870
Invoice Date	1/2/2018
Invoice Number	64915

Ship To:

DART AEROSPACE LTD.
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7
CANADA

# Pkg.	1 BUNDLE
Weight	360 LBS

Ship Date	Shipped Via	Test Reports
1/2/2018	JOURNEY FRT	Y

Item #	Order Qty	U/M	Description	Qty Shipped	Bal. on Order
1	96	FT	7075-T6 ALUMINUM, QQ-A-250/12 OR ASTM B-209 1.75" X 3" X 48" MILL: KAISER LOT #: 704550B3 SHIPPING SCHEDULE: 12 PCS - ASAP 12 PCS - WEEK OF 01/12/18	48	48

PACKING LIST
CERTIFICATE OF COMPLIANCE

We certify that the materials described above conform to the specifications stated.

Cathie Vail

Quality Control Manager



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038697

Supplier: DIV001-VU
Diversified Industrial Products
14 Connor Lane
Deer Park, NY 11803 USA
Phone: 516 822 8300
Fax: 516 822 8332

PO No: PO038697

PO Date: 12/20/17

Due Date: 1/8/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
Phone: clavoie@dartaero.com

E-MAILED
DEC 20 2017

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	M7075T6S1.750X3.000		7075-T6 Sheet 1.750" X 3.000" : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 recelve ft	Firmed	1/8/18	96 ft	0 ft	96 ft	\$44.8325/ft	\$4,303.92

Recu 48 ft

SP 18-01-9.

Grand Total: \$4,303.92

Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 12/20/17 1:50 PM dart.lavoie.chantal

Chantal Lavoie

From: Anthony Burmeta <anthony@dipmetals.com>
Sent: Wednesday, December 20, 2017 11:08 AM
To: Chantal Lavoie
Cc: Jean-Luc Menard
Subject: RE: 7075-T6 Quote

Importance: High

Chantal,

Yes, we have enough stock to cut from. Revised quote would look as follows:

7075-T6 Domestic (USA)
1.75" x 3" x 4 Feet Long
24 Pieces
PRICE: \$179.33 Each

Estimated ship date: Jan 12th with a prompt order, or 2 weeks ARO (whichever is applicable, we are shutting down Dec 22nd and Reopening Jan 2nd)
FOB Deer Park NY 11729
All Material is Subject to Prior Sale & Availability

Kindest Regards,
Anthony

Anthony Burmeta
DIVERSIFIED INDUSTRIAL PRODUCTS (AS 9100 & ISO 9001 Certified)
14 CONNOR LANE, DEER PARK NY 11729
(631) 761-6200 EXT 110
anthony@dipmetals.com

From: Chantal Lavoie [mailto:clavoie@dartaero.com]
Sent: Wednesday, December 20, 2017 11:44 AM
To: Anthony Burmeta
Cc: Jean-Luc Menard
Subject: RE: 7075-T6 Quote

Thank you Anthony,
Would you have enough for 96 ft, please advise.
Thanks
Chantal

From: Anthony Burmeta [mailto:anthony@dipmetals.com]
Sent: Wednesday, December 20, 2017 9:17 AM
To: Chantal Lavoie <clavoie@dartaero.com>
Cc: Jean-Luc Menard <jmenard@dartaero.com>
Subject: RE: 7075-T6 Quote
Importance: High

Chantal,

We are pleased to offer the following:

7075-T6 Domestic (USA)
1.75" x 3" x 4 Feet Long
12 Pieces
PRICE: \$184.34 Each

Ships 1st week of January with a Prompt Order (We are shutting down Dec 22nd and Reopening Jan 2nd) or within 1 Week ARO whichever is applicable

FOB Deer Park NY 11729

All Material is Subject to Prior Sale & Availability

Kindest Regards,
Anthony

Anthony Burmeta

DIVERSIFIED INDUSTRIAL PRODUCTS (AS 9100 & ISO 9001 Certified)

14 CONNOR LANE, DEER PARK NY 11729

(631) 761-6200 EXT 110

anthony@dipmetals.com

From: Chantal Lavoie [<mailto:clavoie@dartaero.com>]

Sent: Wednesday, December 20, 2017 9:10 AM

To: Anthony Burmeta

Cc: Jean-Luc Menard

Subject: quote

Good morning Anthony,

Please advise if you would have this mat'l in stock, please advise price and delivery on mat'l.

7075-t6 plate 1.750" x 3" x 48 ft

Thanks
Chantal Lavoie

Chantal Lavoie
Purchasing Coordinator

DART AEROSPACE
T 1 613 632-5200
F 1 613 632-1053
E clavoie@dartaero.com
1 800 556- 4166
www.dartaerospace.com



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SHIP TO:
DIVERSIFIED INDUSTRIAL PRODUCTS 14 CONNOR LANE DEER PARK, NY 11729
SOLD TO:
DIVERSIFIED INDUSTRIAL PRODUCTS 14 CONNOR LANE DEER PARK, NY 11729

**KAISER
ALUMINUM**
Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4478709

CUSTOMER PO NUMBER: 098007-3	WORK PACKAGE:	CUSTOMER PART NUMBER:	SHIP RUN/LOAD: 104046/16	GOVT CONTRACT NUMBER:
KAISER ORDER NO: 1242581-3	SHIP DATE: 20-SEP-2017	ALLOY: 7075	CLAD: BARE	TEMPER: T651
WEIGHT SHIPPED: 3766 LB	QUANTITY: 3 PCS EST.	TRUCK B/L #: 2069094	GUAGE: 1.7500 IN (44.4500 MM)	DIAMETER/WIDTH: 48.500 IN (1231.9 MM)
		LENGTH: 144.500 IN (3670.3 MM)		

MHU 2153028: LOT 704550B3: 3 pieces;

Certified Specifications

AMS 4045/RevL

AMS-QQ-A-250/ 2/RevA

ASTM B 209/Rev14

Test Code: 1512

Lot: 704550B3

Cast 534

Drop 30

Test Results

Ingot 1

Parent Lot: 245163B1

Melted in USA

(ASTM E8/B557)

(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T651	LT / 2 (Min:Max)	80.8 : 81.6 (557 : 563)	71.2 : 72.3 (491 : 499)	12.5 : 13.4

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.07	0.13	1.4	0.03	2.6	0.20	5.8	0.02	0.01	0.01	TOT 0.03

ALLOY LIMITS

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
7075												
MIN(wt%)	0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.05	TOT	0.15

Aluminum Remalnder

DIVERSIFIED INDUSTRIAL PRODUCTS CORP.
CERTIFY THIS A TRUE COPY OF THE
MILL TEST REPORT USED TO FILL YOUR
ORDER.

Company DART AEROSPACE LTD.

PO# PO038697

Our Inv. # 64915

Qty. 48 FT

Part #

QC Dept. Cathi Vail

Cathi Vail

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4478709

CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

- * has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.
- * All test equipment and measuring devices are calibrated and certified in accordance applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.
- * was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
- * has been thermally processed in compliance with AMS 2772, where applicable.
- * is mercury free, within the limits of detection of ASTM E1215 (<1ppm).
- * is in compliance with RoHS 2, European Union Directive 2011/65/EU.
- * is in compliance with European Chemical Agency, ECHA, REACH regulations, (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.
- * is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.
- * is free of weld repair.
- * meets the reporting requirements of EN10204, Type 3.1.

Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.



JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M70754651.750X3.000

PO / BATCH NO.: 038697/SC30258

DATE: JAN 09 2018

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 48"
 QUANTITY INSPECTED: 48"
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.750
 THICKNESS RECEIVED: 1.750
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	(Y) (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	AMS-QQ-A-250
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(X) N	Heat # 704550B3
CORRECT MATERIAL IDENTIFICATION	(X) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>1</u>	SIGNED OFF BY: _____		
DATE: <u>9-8</u>	DATE: _____		
DATE: <u>JAN 09 2018</u>		DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T62 ALUMINUM SHEET

SPECIFICATION: QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027
OR ASTM B209

PART NUMBER: M6061T6S | .XXX |
THK

WHERE ".XXX" = SHEET THICKNESS (IN INCHES)

EG. 0.063" THICK SHEET = M6061T6S.063

PREFERRED SIZE: .XXX BY 4FT BY 8FT

RELEASED
2009-09-10

B	REFORMAT (DWG. ADD B209 SPEC (2N D8-1). REF PAR 08-020A)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.13		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. M6061T6S	REV. B
TITLE 6061-T6 SHEET SPEC	SHEET 1 OF 1
	SCALE NTS
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